

CLAIMS

1. An audio device comprising a casing containing a circuit and a spool rotatable about an axis, two earpieces connected by lead wires,
the lead wires being wound onto the spool so that the earpieces are deployed or retracted as the spool rotates,
the spool including a plurality of concentric circular tracks each track being connected to a respective lead wire,
a contact within the casing being each arranged to engage a respective track as the spool rotates to connect the earpieces to the circuit.
2. An audio device as claimed in claim 1 wherein two tracks are located at inner and outer radii having an annular space between the tracks.
3. An audio device as claimed in claim 1, wherein three tracks are located at inner, intermediate and outer, audio having annular spaces between adjoined tracks.
4. An audio device as claimed in any preceding claim wherein the spool comprises an axial spindle and a radially extending end plate carrying the circular tracks.
5. An audio device as claimed in any preceding claim wherein the contacts are biased towards the tracks.
6. An audio device as claimed in any preceding claim wherein the contacts engage the tracks on a diameter thereof at different radii.
7. An audio device as claimed in any preceding claim wherein the spool comprises a rotatable drum receiving the wires and a fixed base plate.
8. An audio device as claimed in any preceding claim wherein the spool includes a spring to retract the earpieces from an extended position to a stowed position.